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Building, Geotech & Highway Material Testing Laboratory

NABL Accredited Laboratory ISO/IEC 17025 : 2017
& ISO 9001 : 2015 Certified Company

GSTIN : 29BHLPG4246D1ZD

Test Report on Cement

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Customer	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24 Dated: 05-04-2023
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Cement
Test Requirments	: IS: 269:2015 (Reaffirmed 2020)
Sample Collected at Site by	: Agency
Date of Manufacture	: March-2023
Date of Testing	: 03-04-2023 to 04-04-2023

Sl. No.	Description	Test Method as per IS	Test Result	Requirements as per IS: 269:2015 (Reaffirmed 2020)
1	a) Initial Setting Time	IS-4031 (Part -5)-1988(RA 2019)	140 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)-1988(RA 2019)	340 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) -1988 (RA 2014) by the Le-Chatelier	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4) - 1988 (Reaffirmed 2019)	29 %	-

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MATERIAL TESTING LABORATORY

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GSTIN : 29BHLPG4246D1ZD

Test Report on Fine Aggregates

Name of Work	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Job No	: SCB/BBMP/MN/QC/0026/2023-24 Dated: 05-04-2023
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Customer	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Contractor / Agency	: Sri Manoj Naik B M
Technical Reference	: IS : 1542 Part 1 - 1992 RA-2003
Sample Collected at Site by	: Agency
Sample ID	: Plastering Sand
Date of Testing	: 03-04-2023

Total Wt. of Aggregates in gms: **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 1542-1992 (RA- 2003)
10	0	0	0	100	100
4.75	30.80	3.08	3.08	96.92	95-100
2.36	3.10	0.31	3.39	96.61	95-100
1.18	29.40	2.94	6.33	93.67	90-100
600 Micron	70.20	7.02	13.35	86.65	80-100
300 Micron	266.70	26.67	40.02	59.98	20-65
150 Micron	501.30	50.13	90.15	9.85	0-15

* Information is furnished by the Customer/Representative

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GSTIN : 29BHLPG4246D1ZD

Test Report on Fine Aggregates

Name of Work	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Job No	: SCB/BBMP/MN/QC/0026/2023-24 Dated: 05-04-2023
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Customer	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Contractor / Agency	: Sri Manoj Naik B M
Technical Reference	: IS : 2116 Part 1 - 1980 RA-2002
Sample Collected at Site by	: Agency
Sample ID	: Masonry Sand
Date of Testing	: 03-04-2023

Total Wt. of Aggregates in gms: 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980 (RA- 2002)
4.75	0	0.00	0.00	100.00	100
2.36	71.20	7.12	7.12	92.88	90-100
1.18	199.30	19.93	27.05	72.95	70-100
600 Micron	205.70	20.57	47.62	52.38	40-100
300 Micron	224.90	22.49	70.11	29.89	5-70
150 Micron	192.80	19.28	89.39	10.61	0-15

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GSTIN : 29BHLPG4246D1ZD

Test Report on Fine Aggregates (Sand)

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Customer	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24 Dated: 05-04-2023
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Fine Aggregate
Test Method	: IS 2386 (Part-1) 1963 (Reaffirmed 2016)
Sample Collected at Site by	: Agency
Date of Testing	: 03-04-2023

Total weight of Aggregates in gms: 1000

Is Sieve Size in mm	Weight Retained on Sieve (gm)	Percentage of Weight Retained (%)	Percentage of Weight Passing (%)	Cumulative Percentage Passing (%)	Spec.Limits As per IS 383-2016 ForZone-II
10.00	0	0	0	100	100.00
4.75	85.9	8.59	8.59	91.41	90-100
2.36	117.4	11.74	20.33	79.67	75-100
1.18	171.4	17.14	37.47	62.53	55-90
600 Micron	234.6	23.46	60.93	39.07	35-59
300 Micron	220.3	22.03	82.96	17.04	8-30
150 Micron	120.3	12.03	94.99	5.01	0-10

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GSTIN : 29BHLPG4246D1ZD

Test Report on Aggregates

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Customer	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24 Dated: 05-04-2023
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: 20mm Coarse aggregates
Test Method	: IS 2386 (Part-1) 1963 (Reaffirmed 2016)
Sample Collected at Site by	: Agency
Date of Testing	: 04-04-2023

Total weight of Aggregates in gms: 5000

Is Sieve Size in mm	Weight Retained on Sieve (gm)	Percentage of Weight Retained (%)	Percentage of Weight Passing (%)	Cumulative Percentage Passing (%)	Spec.Limits IS 383-2016
40	0	0	0	100	100
20	103.2	2.064	2.064	97.94	90-100
10	2758.6	55.172	57.236	42.76	25-55
4.75	1942	38.84	96.076	3.92	0-10

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GSTIN : 29BHLPG4246D1ZD

Test Report on Aggregates

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Customer	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24 Dated: 05-04-2023
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: 40mm Coarse aggregates
Test Method	: IS 2386 (Part-1) 1963 (Reaffirmed 2016)
Sample Collected at Site by	: Agency
Date of Testing	: 04-04-2023

Total weight of Aggregates in gms: 5000

Is Sieve Size in mm	Weight Retained on Sieve (gm)	Percentage of Weight Retained (%)	Percentage of Weight Passing (%)	Cumulative Percentage Passing (%)	Spec.Limits IS 383-2016
80.00	0	0	0	100	100.00
40.00	109	2.18	2.18	97.82	90-100
20.00	2079.3	41.59	43.77	56.23	30-70
10.00	2045	40.90	84.67	15.33	10-35
4.75	734.6	14.69	99.36	0.64	0-5

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GSTIN : 29BHLPG4246D1ZD

Physical and Mechanical Properties of TMT Bars

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Customer	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24 Dated: 08-04-2023
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: 8mm, 10mm, 12mm, 16mm Fe 500 TMT Bars
Test Method	: IS 1786:2008(RA 2018), IS 1599:1985 (Reaffirmed 2006), IS 1608:2005
Sample Collected at Site by	: Agency
Date of Testing	: 06-04-2023 to 07-04-2023

Sl. No.	Brand	Nominal size (dia in mm)	Mass per metre (kg/metre)	TENSILE STRENGTH			
				Yield Stress(N/mm2)	Ultimate Tensile strength (N/mm2)	UTS / YS Ratio	Elongation, percent on gauge length
1	Fe 500	8	0.398	536	646	1.21	11
2	Fe 500	10	0.619	538	644	1.2	13
3	Fe 500	12	0.887	538	635	1.18	15
4	Fe 500	16	1.582	541	644	1.19	15

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GSTIN : 29BHLPG4246D1ZD

Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 20**
Compressive Strength	**: 7th Day**

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	12-Apr-23	19-Apr-23	8.125	325.58	14.47
2	12-Apr-23	19-Apr-23	8.136	334.35	14.86
3	12-Apr-23	19-Apr-23	8.157	332.33	14.77

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GSTIN : 29BHLPG4246D1ZD

Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 20**
Compressive Strength	**: 7^{th} Day**

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	12-Apr-23	19-Apr-23	8.160	326.48	14.51
2	12-Apr-23	19-Apr-23	8.147	335.03	14.89
3	12-Apr-23	19-Apr-23	8.143	337.50	15.00

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GSTIN : 29BHLPG4246D1ZD

Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 20**
Compressive Strength	**: 28th** Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	12-Apr-23	10-May-23	8.139	515.48	22.91
2	12-Apr-23	10-May-23	8.159	501.75	22.30
3	12-Apr-23	10-May-23	8.147	513.00	22.80

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GSTIN : 29BHLPG4246D1ZD

Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 20**
Compressive Strength	**: 7th** Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	12-Apr-23	19-Apr-23	8.146	341.55	15.18
2	12-Apr-23	19-Apr-23	8.125	336.38	14.95
3	12-Apr-23	19-Apr-23	8.127	335.93	14.93

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Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 20**
Compressive Strength	**: 28th** Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	12-Apr-23	10-May-23	8.165	499.50	22.20
2	12-Apr-23	10-May-23	8.133	495.45	22.02
3	12-Apr-23	10-May-23	8.171	496.13	22.05

Note:

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End of Report

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GSTIN : 29BHLPG4246D1ZD

TEST REPORT

CEMENT CONCRETE CORE (230mm PRECAST SLAB)

Job No	**: SCB/BBMP/MN/QC/0026/2023-24** **Dated: 19-05-2023**
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Contractor / Agency	: Sri Manoj Naik B M
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Name of the work	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Test Location	: At Laboratory
Sample Collected at Site by	: Agency
Technical Reference	: IS:516-1959 (Reaffirmed 2013), SP-24:1983.
Sample ID **i) Description** **ii) Condition**	 : 230mm Slab : Acceptable

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.06)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	87.20	0.381	2225.25	1.74	0.972	42.00	21.39	22.67	22.04	27.54
2	50.00	86.90	0.379	2221.21	1.74	0.971	39.00	19.86	21.05	20.45	25.56
3	50.00	88.10	0.398	2300.79	1.76	0.974	40.00	20.37	21.59	21.03	26.29

* Information is furnished by the customer/Representative

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→ Test conducted in the ideal Laboratory conditions as per the requirement of relevant standards.

***** END OF REPORT ****

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GSTIN : 29BHLPG4246D1ZD

Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 30**
Compressive Strength	**: 7th Day**

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	5-Jun-23	12-Jun-23	8.128	496.35	22.06
2	5-Jun-23	12-Jun-23	8.136	486.68	21.63
3	5-Jun-23	12-Jun-23	8.160	487.13	21.65

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GSTIN : 29BHLPG4246D1ZD

Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 30**
Compressive Strength	**: 7th Day**

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	5-Jun-23	12-Jun-23	8.169	483.30	21.48
2	5-Jun-23	12-Jun-23	8.127	482.18	21.43
3	5-Jun-23	12-Jun-23	8.146	479.48	21.31

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GSTIN : 29BHLPG4246D1ZD

Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 30**
Compressive Strength	**: 28th** Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	5-Jun-23	3-Jul-23	8.174	736.88	32.75
2	5-Jun-23	3-Jul-23	8.175	731.48	32.51
3	5-Jun-23	3-Jul-23	8.152	749.70	33.32

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GSTIN : 29BHLPG4246D1ZD

Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 30**
Compressive Strength	**: 7th Day**

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	5-Jun-23	12-Jun-23	8.163	479.25	21.30
2	5-Jun-23	12-Jun-23	8.167	475.65	21.14
3	5-Jun-23	12-Jun-23	8.146	476.55	21.18

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GSTIN : 29BHLPG4246D1ZD

Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 30**
Compressive Strength	**: 28th** Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	5-Jun-23	3-Jul-23	8.145	720.68	32.03
2	5-Jun-23	3-Jul-23	8.159	718.43	31.93
3	5-Jun-23	3-Jul-23	8.145	734.40	32.64

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GSTIN : 29BHLPG4246D1ZD

Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 30**
Compressive Strength	**: 7th Day**

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	6-Jun-23	13-Jun-23	8.162	496.80	22.08
2	6-Jun-23	13-Jun-23	8.154	485.55	21.58
3	6-Jun-23	13-Jun-23	8.150	489.15	21.74

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GSTIN : 29BHLPG4246D1ZD

Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
Client	: Executive Engineer, Yelahanka Division, BBMP, Bangalore-64.
Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 30**
Compressive Strength	**: 7th Day**

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	6-Jun-23	13-Jun-23	8.135	483.08	21.47
2	6-Jun-23	13-Jun-23	8.124	486.68	21.63
3	6-Jun-23	13-Jun-23	8.135	481.95	21.42

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Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
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Job No	: SCB/BBMP/MN/QC/0026/2023-24
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Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 30**
Compressive Strength	**: 28th** Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	6-Jun-23	4-Jul-23	8.135	735.08	32.67
2	6-Jun-23	4-Jul-23	8.154	739.13	32.85
3	6-Jun-23	4-Jul-23	8.152	723.83	32.17

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Test Report on Compressive Strength of Concrete Cubes

Project Name	: Improvements to drains at LBS Nagara and Surrounding area in Ward No-05 Yelahanka New Town Sub Division.
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Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 30**
Compressive Strength	**: 7th Day**

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	6-Jun-23	13-Jun-23	8.163	501.98	22.31
2	6-Jun-23	13-Jun-23	8.131	486.68	21.63
3	6-Jun-23	13-Jun-23	8.166	494.55	21.98

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Test Report on Compressive Strength of Concrete Cubes

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Job No	: SCB/BBMP/MN/QC/0026/2023-24
Customer Reference No	: BBMP/EE/YNK.D/EPMT-12/W.O/93/2022-23 Dated: 03-02-2023
Contractor / Agency	: Sri Manoj Naik B M
Sample ID	: Concrete Cube
Size of Cubes	: 150mm x 150mm x 150mm
Cross Sectional Area	: 22500 mm^2
Test Method	: IS: 516 (Part-1 Sec-I) - 2021
Sample Collected at Site by	: Agency
Grade of Concrete	**: M - 30**
Compressive Strength	**: 28th** Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	6-Jun-23	4-Jul-23	8.145	747.45	33.22
2	6-Jun-23	4-Jul-23	8.144	756.68	33.63
3	6-Jun-23	4-Jul-23	8.154	746.33	33.17

Note:

→ This test report should not be reproduced except in full, without written approval of the laboratory

→ The results indicated above are based on the tests carried out on the samples received in the laboratory

→ Any Query regarding the report must be reported within 15 days from the date of testing.

End of Report

STRUCTIAL CONSULTANTS Bangalore

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

MATERIAL TESTING LABORATORY

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